

# Smart Hawk

## SHFD210T0 / SHFD210T1 / SHFD210T2



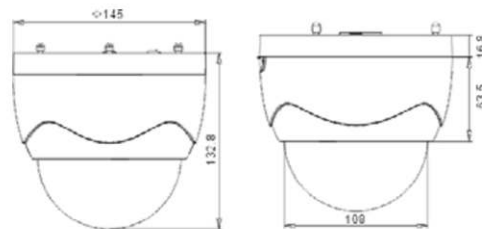
## Overview

Smart Guard Systems' SHFD210T0 / SHFD210T1 / SHFD210T2 is a high performance IP dome camera with H.264 compression. This camera is specially designed for target applications such as Retail, Banking, Aviation, Railway, Industrial, Defense, Police etc.

The fixed dome cameras features the high performance 1/3" SONY Super HAD CCD Image Sensors. This is a CCD based IP dome camera. The SHFD210T0 / SHFD210T1 / SHFD210T2 series of cameras deliver superb image quality with complete surveillance. It offers excellent quality images with PAL and NTSC resolutions and a min. illumination of 0.1 Lux that gives clear images even in low light conditions.

The fixed dome cameras in this series also feature a compact size and a 3.5 mm to 9mm fixed lens along with fixed iris lens of 1.2. It supports function like auto gain control and day/night function. It has an excellent signal to noise ratio of more than 48dB and shows internal synchronization. Further it supports motion detection, dual streaming, and some pan-tilt features.

## Diagram



# Technical specifications:

		SHFD210T0 SHFD210PT0	SHFD210T1 SHFD210PT1	SHFD210T2 SHFD210PT2
Camera	Image Sensor	1/3 inch SONY Super HAD CCD		
	Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
	Signal System	PAL/NTSC		
	Min. Illumination	0.1Lux @ F1.2		
	Electronic Shutter Speed	1/50 (1/60)s ~ 1/100,000s		
	Day & Night	Electronic		
	Lens	3.5 ~ 9mm @ F1.2 / Φ14 / Fixed Iris lens		
	S/N Ratio	More than 48dB		
	Video Output	420 TVL, 1Vpp Composite Output (75Ω / BNC)	480TVL, 1Vpp Composite Output (75Ω / BNC)	540TVL, 1Vpp Composite Output (75Ω / BNC)
Compression Standard	Video Compression	H.264		
	Video Bit Rate	32 K ~ 2M, adjustable ( 8Mbps maximum)		
	Audio Compression	OggVorbis		
Image	Image Resolution	PAL: 704 × 576, 528 × 384, 704 × 288, 352 × 288, 176 × 144 NTSC: 704 × 480, 528 × 320, 704 × 240, 352 × 240, 176 × 120		
	Frame Rate	25 fps (704 × 576), 30fps (704 × 480)		
Functions	Motion Detection	Available		
	Dual Stream	Available		
	SD Card Local Recording	Available		
	Password Protection	Available		
	Protocols	TCP/IP,HTTP,DHCP,DNS,RTP/RTCP, PPPoE (FTP, SMTP, NTP, SNMP addible)		
	Adjustment Range	355° Pan; 90° Tilt		
Interface	Audio Input	1channel (2.0 ~ 2.4Vp-p, 1kΩ)		
	Audio Output	1 channel (Line level, 600Ω)		
	Communication	1 RJ45 10M / 100M self-adaptive Ethernet port and 1 RS-485 interface		
	Alarm Input	1 channel signal input		
	Alarm Output	1 channel signal relay output		
General	Power Supply	PoE (Power over Ethernet)		
	Power Consumption	4W		
	Working Temperature	-10°C ~ 60°C		
	Dimensions	145mm x 132.8mm (5.75" × 5.26")		
	Weight	900g (1.98lbs)		



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